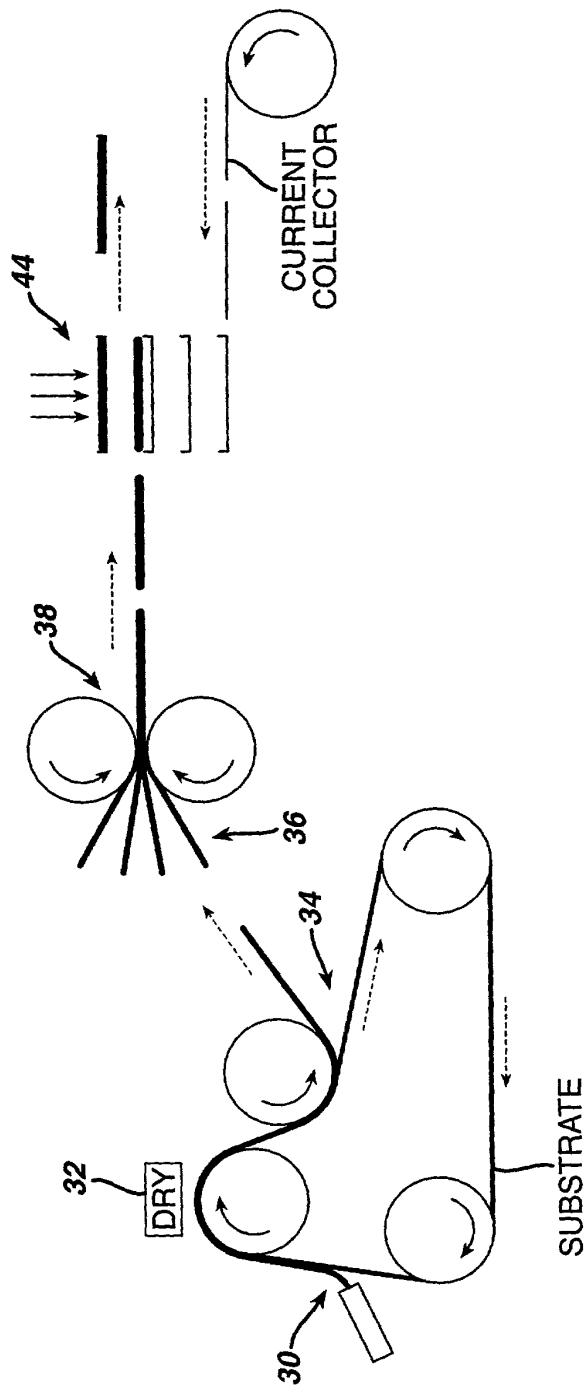


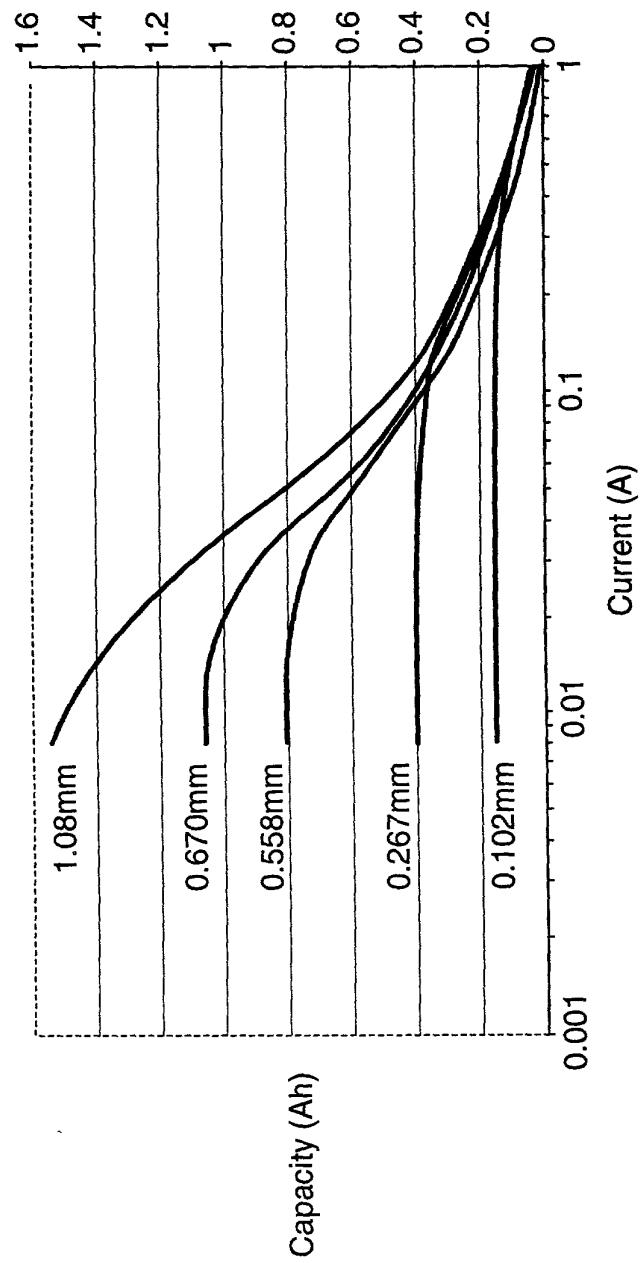
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FIG. 2



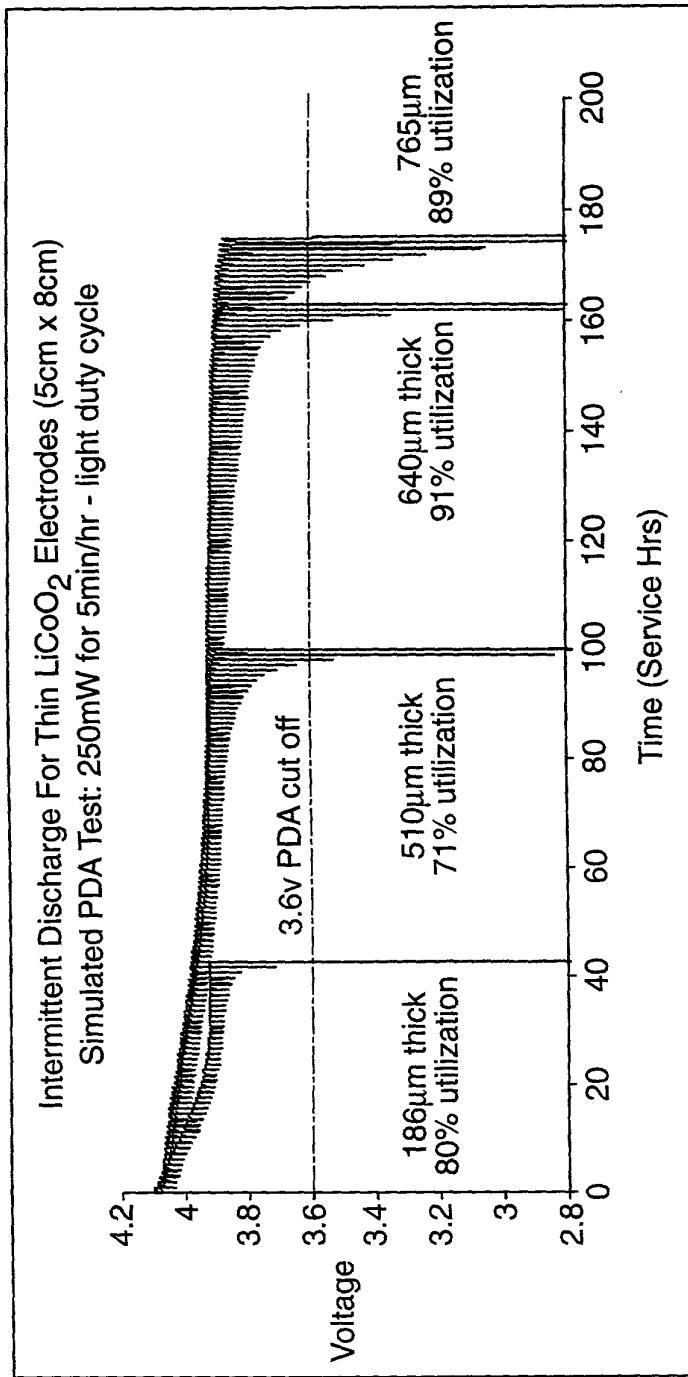
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**FIG. 3**



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**FIG. 4**  
PDA Performance  
Intermittent Drain @ 62 mA  
 $\text{LiCoO}_2$  system



**FIG. 5**

Cell	Binder W%	Cathode Thickness (mm)	Bulk Porosity (%)	Charge		Discharge
				Current Density (mA/cm <sup>2</sup> )	Charge Capacity (mAh/g)	
A1	4.0	0.810	27.4	0.40	125	203
B1	4.9	0.806	25.8	0.38	132	203
B2	4.9	0.812	25.9	0.38	121	206
C1	5.8	0.796	25.0	0.39	123	190
C2	5.8	0.789	24.9	0.38	110	182

**FIG. 6**

Cell	Electrode Thickness (mm)	Current Density (mA/cm <sup>2</sup> )	Charge Capacity (mAh/g)	Bulk Porosity (%)	Service Hours @ 250 mW PDA	mAh/r to Cutoff
1	0.173	0.37	135	21.1	42	108
2	0.181	0.37	134	24.3	40	101
3	0.483	0.41	130	21.0	100	94
4	0.599	0.37	132	21.6	177	120
5	0.734	0.39	122	23.1	175	112

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## FIG. 7

Cell	Cathode Thickness (mm)	Current (mA)	Power (mW)
A	.102	240	912
B	0.267	160	608
C	0.558	40	152
D	0.667	35	133
E	0.700	25	95
F	1.08	21	80